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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT

315934

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

OH D055 821011

II. SITE NAME AND LOCATION	To the second se	
01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER	
Dowell, Division of Dow Chemical USA	19428 Thacher Drive	
		07 COUNTY 08 CONG CODE DIST
Youngstown	OH 44509 Mahoning	099 17
[09 COORDINATES ATITUDE LONGITUDE		12.7.
41°06'35"N 080°43'10"W	Youngstown, OH Quad.	
10 DIRECTIONS TO SITE (Starting trom nearest public road) From Cleveland - I-80 turn pike east to	exit 15. Continue last on I-	80 to I680
From Clevelana - I-30 tarnfike east to	exit is continue was one	
I-680 to Meridian Rd. exit, south. 1	Meridian Kd. to west on Hend	ncks kd. to
north on Thacher Lane		
III. RESPONSIBLE PARTIES		
01 OWNER (If known)	O2 STREET (Business, mailing, residential)	
Dow Chemical Company	6500 Busch Blvd., Su	He 100
	04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER	
Columbus	OH 143229 1 1	
07 OPERATOR (If known and different from owner)	08 STREET (Business, mailing, residential)	-
Dowell Div. Dow Chemical USA	1.0. BOX 2429	
OP CITY	10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER	
Youngstown 13 TYPE OF OWNERSHIP (Check one)	OH 44509 216792-6569	
IVA. PRIVATE □ B. FEDERAL: (Agency name)	C. STATE D.COUNTY DE. MUN	IICIPAL
C F. OTHER:(Specify)	G. UNKNOWN	
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)		
■A. RCRA 3001 DATE RECEIVED: 12,3,82 □ B. UNCONTROL	LED WASTE SITE (CERCLA 103 c) DATE RECEIVED: MONTH DA	T.C. NONE
MONTH DAY YEAR	MONTH DA	Y YEAR
IV. CHARACTERIZATION OF POTENTIAL HAZARD 101 ON SITE INSPECTION BY (Check all Inat apply)		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	PA CONTRACTOR C. STATE D. OTHER C	CONTRACTOR
□ NO MONTH DAY YEAR □ E. LOCAL HEALTH OF	FICIAL F. OTHER: (Specify)	
CONTRACTOR NAME(S):		
02 SITE STATUS (Check one) 03 YEARS OF OPE	RATION 1 - 1111 - 1 - 1 - 1 - 1	
Ø A. ACTIVE □ B. INACTIVE □ C. UNKNOWN	19- Stillin Operation UNKNOWN	1
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED	BEGINNING YEAR ENDING YEAR	
	11-Triables manhings 6	banina
Solvents (Toxic)	, 1,1-Trichlor-machinery C.	Raning
Acids & Bases (Corrosive) Boile	r cleaning chemicals	
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION		
1		
Company disposes of wastes of	H-site - no hazards know	n.
The Daviell Div does builder Alpan	and of the analysis for it	4.12 51.10
The Dowell Div. does boiler clear	our at the contracting their	1443 014e.
V. PRIORITY ASSESSMENT	3	
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste int	formation and Part 3 - Description of Hazardous Conditions and Incidents)	
☐ A. HIGH ☐ B. MEDIUM ☐ C. LOW (Inspection required promptly) (Inspection required) (Inspect on time)	D. NONE (No further action needed, complete current disposition)	tion form)
VI. INFORMATION AVAILABLE FROM		
01 CONTACT 02 OF (Agency Organ	nizelon)	03 TELEPHONE NUMBER
	NEDO/DSHWM	W16.422-4171
	06 ORGANIZATION 07 TELEPHONE NUMBER	8 23 P4
Pam Wicks OEPA	NEDO/DSHWM 216425-9171	MONTH DAY YEAR

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE | 02 SITE NUMBER

0H D05582/0//

	ES, QUANTITIES, A							
DA SOLID B. POWDER, FI C. SLUDGE D. OTHER	ES (Check all that apply) □ E. SLURRY INES F. LIQUID □ G GAS (Specify)	JRRY Measures of weste quantities Matter M						
II. WASTE TYPE		<u> </u>		<u> </u>				
CATEGORY	SUBSTANCE I	NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS			
SLU	SLUDGE				0000			
OLW	OILY WASTE			<u> </u>				
SOL	SOLVENTS (h/	rinated	700	Gal.	Storage inc	drums of	nelile	Kont Sil
PSD	PESTICIDES	πημήσου	700	Gan.	John Je 1770	2747.755	1/200 9	7
occ	OTHER ORGANIC C	HEMICALS		<u> </u>				
IOC	INORGANIC CHEMIC	CALS						
ACD	ACIDS							
BAS	BASES					······		
MES	HEAVY METALS							
V. HAZARDOU:	S SUBSTANCES (See	Appendix for most frequent	ly cited CAS Numbers)		·····			
1 CATEGORY	02 SUBSTANCE	NAME	03 CAS NUMBER	04 STORAGE/DIS	POSAL METHOD	05 CONCEN	TRATION	06 MEASURE O
	 			<u> </u>	··			00.102
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					·	<u> </u>		
/ FEEDSTOCK	(S (See Appendix for CAS Num	nhace)		<u> </u>		_L	·	<u> </u>
CATEGORY	01 FEEDSTO		02.046.1111.1757	CATEGORY	0. 555-0-	TOOK N.C. 15		
			02 CAS NUMBER	CATEGORY	OT FEEDST	TOCK NAME		02 CAS NUMBER
FDS	Hydrochlori		7647-01-0	FDS				
FDS	Hydroxy Acet			FDS	<u> </u>			
FDS	Formic A	id	64-18-6	FDS				
FDS	<u> </u>		1	FDS				
	OF INFORMATION (C)							
DEPA INE	DO Hazaráou	is waste fi	le- ISS II	spection &	Correspondi	nco 198	2-198	3.
Amu Ahom	rical letter	d rollisod	anni PARA	Matifixation	12/87		,,,,	- (
WWW SKN USERA ^	TICKE TENDE	y of Man	- A A	אלן אנ <i>בור בעבון נע</i> רו	10/000			
VUEIM K	uthorization	i of crung	k -10 Genera	etor Status	1/821			

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

I. IDENTIFICATION

1 STATE 02 SITE NUMBER

0H () 055821011

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

H HAZARDOUS CONDITIONS AND INCIDENTS				
II. HAZARDOUS CONDITIONS AND INCIDENTS	02 OBSERVED (DATE	El BOTELLE ::	CALLEGE	
01 : A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 © OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	C ALLEGED	
None regorted	03 E 00000	pa parti	D. M. Com	
01 © B. SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 ☐ OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	□ ALLEGED	
01 © C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED:			□ ALLEGED	
01 C D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED:			□ ALLEGED	
01 G E. DIRECT CONTACT 03 POPULATION POTENTIALLY AFFECTED:	02 GBSERVED (DATE) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	□ ALLEGED	
01 T. F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED:	02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	□ ALLEGED	
01 G. DRINKING WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 🗅 OBSÉRVED (DATE) 04 NARRATIVE DESCRIPTION	_ POTENTIAL	☐ ALLEGED	
01 H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED:	02 OBSERVED (DATE) 04 NARRATIVE DESCRIPTION	☐ POTENTIAL	□ ALLEGED	
01 © I. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED:	02 OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	□ POTENTIAL	C ALLEGED	

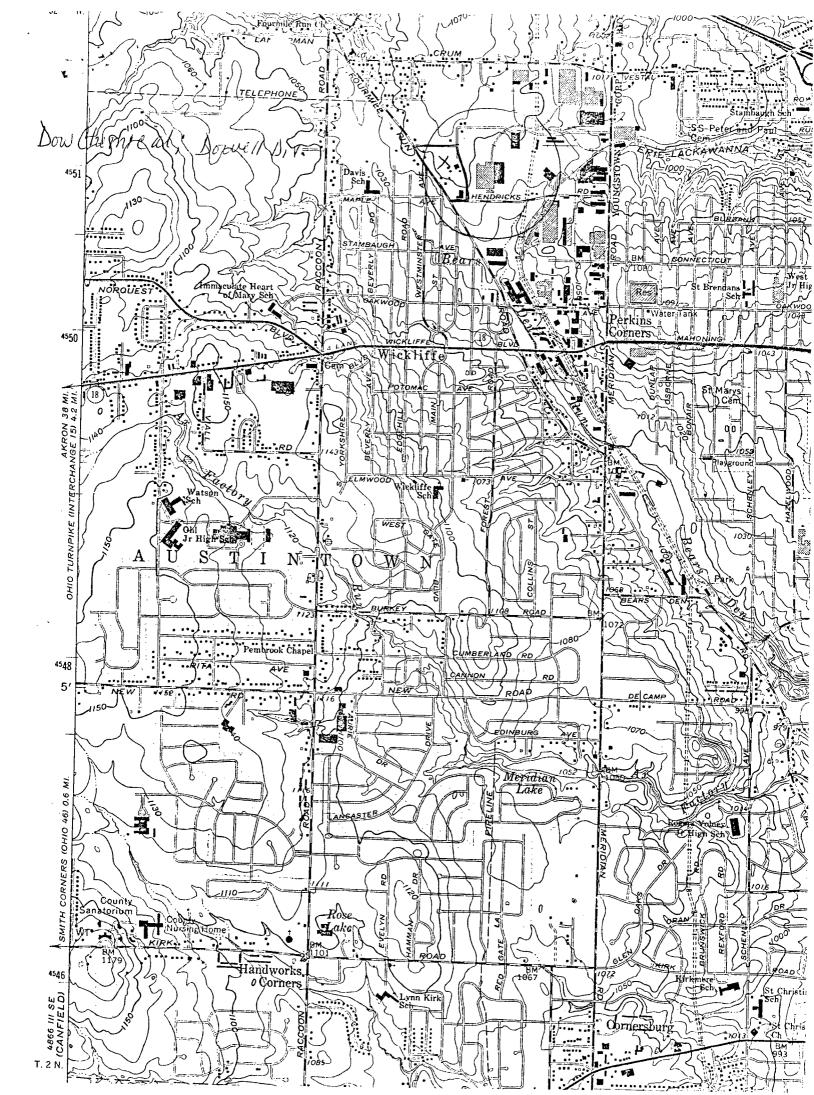
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1			
	01 STATE	02 SITE NUMBER 1055821	0//

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)					
		02 C ORSEDVES IN TE	`	G BOTELT:	CI ALL COES
01 ☐ J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	,	02 OBSERVED (DATE:	. 1	☐ POTENTIAL	☐ ALLEGED
None	reported				
01 G K. DAMAGE TO FAUNA		02 C OBSERVED (DATE:	.)	□ POTENTIAL	☐ ALLEGED
04 NARRATIVE DESCRIPTION (include	name(s) of species)				
01 ☐ L. CONTAMINATION OF FOOD 04 NARRATIVE DESCRIPTION	CHAIN	02 G OBSERVED (DATE:	_)	☐ POTENTIAL	□ ALLEGED
01 . M. UNSTABLE CONTAINMENT	T OF WASTES	02 OBSERVED (DATE:	_)	☐ POTENTIAL	☐ ALLEGED
(Spills/runoff/standing liquids/leaking O3 POPULATION POTENTIALLY AFF		04 NARRATIVE DESCRIPTION			
01 ☐ N. DAMAGE TO OFFSITE PRO 04 NARRATIVE DESCRIPTION	PERTY	02 🗆 OBSERVED (DATE:	_)	☐ POTENTIAL	☐ ALLEGED
				····	······································
01 □ 0. CONTAMINATION OF SEW 04 NARRATIVE DESCRIPTION	ERS, STORM DRAINS, WWTPs	02 C OBSERVED (DATE:	_ }	□ POTENTIAL	□ ALLEGED
		· · · · · · · · · · · · · · · · · · ·			······································
01 ☐ P. ILLEGAL/UNAUTHORIZED 04 NARRATIVE DESCRIPTION	DUMPING	02 OBSERVED (DATE:	_)	☐ POTENTIAL	☐ ALLEGED
05 DESCRIPTION OF ANY OTHER	KNOWN, POTENTIAL, OR ALLEC	GED HAZARDS			
V					
III. TOTAL POPULATION POTEN	TIALLY AFFECTED:				
IV. COMMENTS	INSEL ALLEVIES.				
71		······································			
V. SOURCES OF INFORMATION	(Cité specific references, e.g., state files, :	nampie analysis, reports)			



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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

DOWELL DIVISION - DOW CHEMICAL COMPANY USA #OHD 055-821-011

Dow Chemical Company USA - Dowell Division is located approximately 1/2 mile west of the Youngstown Corporate boundary in Austintown Township. The area in the immediate vicinity of the site has been developed for light industry, but residential neighborhoods exist less than a half mile from the Dow buildings. Bears Den Run begins just east of the site and flows southeasterly.

The Dowell Division performs boiler clean-outs for various types of companies using a mixture of chemicals. Dow had initially submitted a RCRA 3001 Notification and a Part A application for the Dowell Division, as both a generator and a hazardous waste TSD facility (August 18, 1980). Because the company's waste treatment consisted of elementary neutralization only, the U.S. EPA approved withdrawal of the permit application (July 1982) and the company is considered a hazardous waste generator/transporter. The revised notification (December 13, 1982) is on file at OEPA/NEDO.

A RCRA Interim Status Site Inspection was conducted at Dow by OEPA in May 1983. Upon revision of their Contingency Plan, the company was found to be in general compliance with applicable State and Federal Hazardous Waste generator regulations. This included proper storage of hazardous materials on-site, and off-site disposal, within 90 days to a licensed hazardous waste disposal site.

No on-site disposal of wastes has been reported and no environmental or human health threat is indicated by information available. RCRA Generator inspections will suffice for future monitoring of Dow's activities, therefore, no further CERCLA-related efforts are recommended at Dow Chemical's Dowell Division.

PW:kr August 24, 1984